

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of ALONZO W. BEASLEY, JR.

Serial No: 10/684,639

Examiner: Singh, Arti R.

Filed: October 14, 2003

Art Unit: 1771

Title: MOTOR VEHICLE AIRBAG AND

FABRIC FOR USE IN SAME

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

DECLARATION UNDER 37 CFR 1.131

Dear Commissioner:

I, the individual whose signature appears below, do hereby declare that:

- 1. I am an officer of Safety Components Fabric Technologies, Inc., owner of the above patent application by virtue of written assignment from the inventor.
- 2. This application was filed on October 14, 2003, but claims the benefit of application Serial No. 09/558,766, filed April 26, 2000.
- 3. I have been advised that all claims of the application have been rejected as being unpatentable over the disclosure of U.S. Patent No. 6,455,449 to Veiga et al. issued on September 24, 2002, and filed on September 3, 1999.
- 4. The present invention resides in the discovery that urethane-coated airbag fabrics may include a base fabric made from finer denier yarns of alternating deniers which produces a crest and trough pattern on the surface that enhances urethane adhesion.
- 5. As supported by the factual evidence submitted herewith, the claimed invention was conceived and, on information and belief, was reduced to practice prior to September 3, 1999.

- 6. The originals of Exhibits A through C discussed hereinafter in detail were all prepared prior to September 3, 1999. Actual dates and prospective customer name have been deleted.
- 7. As evidenced by Exhibit A, a base fabric of 315d warp and alternating fill of 315d and 210d denier was prepared. This fabric was designated style 4934. The first two pages of Exhibit A make up the request from the inventor for a sample of this fabric. Note that the "endues" of the fabric is indicated to be "airbag." The third page of Exhibit A is a "Sample Specification" for this fabric. The fourth page is a "Warping, Processing, Weaving Order and Headend Ticket" (stamped "Air Bag") for this fabric. After the base fabric was made, it was tested as indicated by the "Certificate of Conformance" forming the last two pages of Exhibit A.
- 8. Exhibit B indicates that another sample of style 4934 was prepared. This base fabric also had 315d warp and alternating fill of 315d and 210d denier. The first page of Exhibit B is a "Sample Specification" for this fabric. The third page is a "Warping, Processing, Weaving Order and Headend Ticket" (stamped "Air Bag") for this fabric. After the base fabric was made, it was tested as indicated by the "Certificate of Conformance" forming the last two pages of Exhibit B.
- 9. As evidenced by Exhibit C, a base fabric of 420d warp and alternating fill of 420d and 315d denier was prepared. This fabric, designated style 4951, was requested by the document making up the first two pages of Exhibit C. After the base fabric was made, it was tested as indicated by the "Certificate of Conformance" forming the last two pages of Exhibit C.

- 10. A style 4934 base fabric was sent to the prospective customer (a coater), whereupon a urethane coating was applied. Satisfactory adhesion levels were reported.
- 11. I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

SAFETY COMPONENTS FABRIC TECHNOLOGIES, INC.

Signed:	Shy Birwik
Name:	Stephen B. Duenk
Title:	President
Date:	1-31-05

EXHIBIT A

2		40
Arsin	PROD. REQ. 6	COST FORM

TO: FRANCISCO EEDOYA		DATE	
I. MARKETING		C/R# /ð -	- 3,5 >
CUSTOMER:	COS1. 3/#		<u> </u>
CUSTOMER: SCFTI S/#: 4934-02	WEAVE: Plain E	NDUSE: Aib.	LEVEL 4
GR. (MIN/NOM.)			
ENDS/IN.	(.6	WARP SIZE)K ×
DICKS/IN: (# 40 5 3.4	12.15	SPUN YARN T	INT
ENDS/IN: 55 PICKS/IN: 4 60 54 344 WIDTH: 75-76	15 < - 70 5	WARP SIZE (SPUN YARN T HI. TEN RE(2D
73-70	Clintary -		
WARP: 315 / 144 /T	-447 (AK20)		OLD/NEW
FILL: 3/5 / 144 / T- SCFTI PROCESS: 210 / 68	(11 6	III PECK)	KAB
FILL: 315 / 144 / T-	447 AK20) (llan 100	pa) /prek-	OLD/NEW
210/68	1R-20 Du Port Nylon	,	
SCFTI PROCESS:		LENGTH RANGE	500 nds.
GREIGE		PC. LENGTH	200
HEATSET IN THE GR. SCOUR & HEATSET		ICES ALLOWED	INA
APPLY & FINISH	PACI	KAGING	the sail
APPEL & FINISH		In uron rent in old	u shots
DESCRIBE FINISH:		RAGING Lucy pul si oli FINISH O	ODE: 9036
CFM RANGE: A/A CUST COPY OF CUST. SPEC ATTR		DATED:	CERT REQ Y/N)
II. TECHNICAL	amminin hidua UEC/1	6 POUTURALENT DIC	YC . 41/m
TYPE LOOM:	THE PICKS - LESTE	OL SPILE & NEW ABDIG	ONT.VI
IARDS PER BEAM:	A THE IN E	MANI & INDM IARGIS	QND17
CONST. IN LOOM: REED W	IIDTH: YI.25 SLEY	: \$2.0 OFF LM	PICKS: <u>64.0</u>
WARP: 315 144 1 TE 447	AF-70		
WARP: 315 144 1 7- 497 FILLING: 116 164 12 20 10 WARP YDS/LB: 1150 EST. WARP CONTRACTION:	Ak2O	A	
FILLING: 218 6418 20 P	spind nylon Pi	er the pier	
WARP YDS/LB: 14.150 EST. WARP CONTRACTION:	FILLING	YDS/LB: 14.150 = 315	m 4 21250 = 210 des
EST. WARP CONTRACTION:	67 0		
REMARKS:	Souph	fret -	·
	•	r	
SIGNATURE:	· · · · · · · · · · · · · · · · · · ·	hour DATE:	•
			2222222222
PROCESSES REQUIRED: (CI			Demilie
	VING FINISHING		<u>ESTING</u>
	NIER BATCH		NTERNAL OF
	ZER SCOUR JIG/CON		JST. LOT
WARPING (IN/OUT)	CAN DRY		ONSTD.
(BLOCK/TRANS.)	CONTACT HI SET		PAP NNUAL
BEAMING/SLASHING	CALENDER TENTE		NNUAL IAL.
		— Ql	
للشارك أبارات موجود والمراج المراج والمراج والمراج والمراج والمراج والمراج والمراج والمراج والمراج والمراج			

II. ENGINEER OOMS/WEAVER:		THER:			
v. COST DE	************		84X2337	DATE FW	DED:
DS/LOOM 20 HRS.	TARGET LOOM/WK	CONTRIBUTION YD		WT.	oz./sq. YD.
:OST: /AR./YD:	_ fx/YD:	B/E/YD:	_ MIN.	YD:	TAR.YD:
ARN PRICE:	WARP:_	FILL:	<u></u>		
Tect BIMEDS /C	CMATRITS .				
A.	has	adhes on pub	los we	d den	Deniers before
B. E.	er Ohiz do	Pattern 02.		····	
C. Pi	ch insertion	should BE	1/400	11.9	I spec filley"
	me. der	First.		·	7
D. Ke	w Tensor	a warp of	m.		
SUBMITTED BY_	L. Bu	<i>f</i> .		DA	TE:
APPROVED BY M	ARKETING MGR.	for Bell for	16 Duns	C DA	re:
APPROVED BY D	IR. TECH. SVCS	K, Bott		DA:	TE:
REJ. APPR TE	CH. SERV. MGR.	K.BST		DA1	re:
	er net com	(.Bate		DAI	ner •
APPROVED BY M		N - IOUED			

Ć,

AFETY COMPCOUNTS PABRIC SCHNOLOGIEL INC.

Sample by defication

, AGE:

)										
Всуден	W4934-0002-9026		Level: IV							
Descriptions	315,210 60 x 64 Low Warp tension		αх : γν/п			Status.	Đ			
Fabric: Weave:	8 harness and 6 banks of drop wi Dupont t-6.6 mylon Plain	banks () lon	6 banks of drop wires, 71% air space reed ylon PICK AND DICK MITH 2 PILLING WASHO	space reed	: A & :	Department no: Product code:	7	Airbag . driver uncoated		
		-				Loom cype: Primary customer: Requested by:	Dornier general / VARIOUS L. BEASLEY	Ş		
Face: Weave cut (yds): Edges:	Either 500 Meave Heat slit at loom	Weave picks/inch: loom	.s/inch: 64.00		ឌី ជី ធី	Reed width: Dents/inch: Ends/dent:	81.23 26.000 2			
Type size: Other:	BP-44C-4% SOLIDS IN 1 end 420/68 dk.blue	S IN 8	BF-44C-4% SOLIDS IN SIZE BOX,1% STRETCH ON SLASHING 1 end 420/68 dk.blue mylon 24 ends from left side at slasher	SLASHING Bide at Blasher		Bley count:	52.000	!	•	((
Warp yarn code: Description: Twist: Werge:	RMENLI538 315/144 T-447 HI Airbag Beams None	Bups	RMNL1536 Bupplier: ACORDIS INDUSTRIAL PIBERS 315/144 T-447 HRT-8 Acordis Scottsboro Nylon Airbeg Beams None	RIAL PIBERS	¢.					
Pill yern code: Description: Twist: Marge:	RMML1539 315/144 T-447 HJ Airbag Tubes None	Bupl	RMNL1539 Bupplier: ACORDIS INDUSTRIAL PIBERS 315/144 T-447 HRT-8 Acordis Scottsboro Mylon Airbag Tubes None	RIAL PIBERS						· · · · · · · · · · · · · · · · · · ·
Packaging: Grading: Purpose: Tube aire:	See final inspection instructions See final inspection instructions nylon coating fabric (Air bag) See final inspection instructions	ection dection	nstructions nstructions (Air bag) nstructions		# A & O	Hold code: Putup code: Tare wt: CPM code:	02 11 Roll Goods			n
Std wt (yde/lb): Weight (lbe/yd): Allow dev %:	1.59 Widti 0.628 Coun 3.00 WE(o	Width (in); Count (W x F); Wt(oz/syd);	Min 75.50 54 x 63 4.71	Est. Off Loom Max 76.50 56 x 65 4.71	Taxget 76.00 55 x 64 4.71	Width (in): Count (W x P): Wt(or/syd):	Min Be 69.50 58 x 62 4.93	Ret. Finished Nax 70.50 62 x 66 4.93	Target 70,00 60 x 64 4.93	1
Comments: As c/r FILLIN RNNL 1	AB C/K #10-387 Var. W4934-01 PILLING YARN #2 RMNL 1618 210/68 R20 T-729 TUBES FROM DUPONT	934-01 -729 TUB	IRS PROM DUPONT		æ	Current revi Revision date: original	te: 05/25/1999	ву: ТК		

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1015 (12/97)

WARPING ORDER

F-1017 11/96

(RE: QMS - 102)

SAFETY COMPONENTS FABRIC TECHNOLOGIES, INC. - DUNEAN PLANT - 80

WARPING, PROCESSING, WEAVING ORDER AND HEADEND TICKET

STYLE: W-4934 E	XP2	TYPE	CLOTH:	NYLON CO	DATING A	IR BAG	<u> </u>			DATE:		
NO. EAMS: 1	REED SPREAD:			26.00		2	TOTAL DENTS:	2156*	SLEY:	52.00	SHAFTS:	8
DRAW: STRAIGHT	T WEAVE: _	PLAIN	EST % CONT:		TYPE LOOM:		ER		DIST. BTWN BM. HEAD: TOTAL	81.75*	-	
DEPT.: 10		4224				ENDS:	1		ENDS:		-	
	** 1 END 42		DARK BL	UE NYLON	- HEAT	SLIT AT	LOOM	-	WEIGHT PER YARD:		-	_
FILLING A:	315/144/T-4	47 AKZO S	SCOTSBO	RO NYLO	٧		PICKS:	32	WT/YD: (14,150)	.1959	-	1
FILLING B:	210/68/R-20 DES 22 DE	DUPONT	NYLON	FOR CA	TCH CO	RD.LE	PICKS: NO,ETC.	. 32	WT/YD: (21,250)	.1305	-	1
FILLING C:									WT/YD:		-	1
	,											į.
WARP A:	315/144/T-4 NO TINT -	47 AKZO S	SCOTTSE MARK	ORO NYLO	ON	- N	O. ENDS:	4224	WT/YD: (14,150)	.3245	-	1
WARP B:	" ADDED A	T SLASHE	ER 24 ENI	OS FROM L	EFT	_ N	O. ENDS:		WT/YD:			1
WARP C:	EDGE AT								WT/YD:		-	1
	WARPING L						•		SEBELOW E		3	
12 - 8MS @	SELV.	352 BODY A	0 SELV.	•					BODY	SELV.		i
- BMS @							· BMS @		BODY			l
	SELV.	BODY A	SELV.				BMS @		BODY	SELV.		1
BMS @	SELV.	BODY	SELV.					SELV.	BODY	SELV.		1
	DEND TICKE	: ::	ACT.%		~				OVERALL			1
FOR HEA GREIGE	EST.		CONT		G	ROUND			COUNT:			,

BURTON, REESE, HALEY, HAVER, B.JAMES, D. ROBBINS, WEAVE ROOM, J. GLENN R. DEATHERAGE (3), FRANCISCO BEDOYA (3) D-10 D-10

CERTIFICATE OF CONFORMANCE

PAGE 1 OF 2

HARUFACTURER: Safety Components Fabric Tech. Inc. Damean Plant

Greenville, SC

TEST CONDITIONS: 72°P / 65% R.H.

CUSTOMER ID:

HATERIAL: 94934-02-9026

LOT: 20699

TEST DATE:

SPECIFICATION: TED

HATERIAL: \$4934-02-90	120	mi	20077		OI DETH.		
Piece No. Sample No.	86611				ification uirement	UNIT OF MEASURE	TEST PROCEDURES
GRAB TENSILE WARP	427	0	0	Hin:		Pounds	ASTM-D-5034
PILLING	389	0	0	Kin:		Pounds	ASTM-D-5034
KLONGATION	42	0	0	Min:	Hax:	Percent	AS794-D-5034
WARP PTILLING	12	0	0	Hip:	Hax:	Percent	ASTN-D-5034
		<u> </u>	<u> </u>	<u> </u>			
TORGUE TRAR WARP	27	. 0	0	Nin:		Pounds	ASTN-D-2261
PILLING .	26	0	0	Hib:		Pounds	ASTR-D-2261
TRAPEZOID TEAR	0	0	0	Nio:	<u> </u>	Pounds	ASTM-D-4533
PILLING	0	0	0	Hin:		Pounds	ASTON-D-4533
SERTHKAGE		,					
CAPP	1.56	0.00	0.00		Hax:	Percent	1 HR & 300 P
PILLING	0.00	0.00	0.00		Жах:	Percent	1 ER @ 300 P
PLANNABILITY	0.0	0.0	0.0		Max:	138/1018	PAVSS-302
BON					Max:	Percent	
BTAS					Max:	Percent	
REIGHT	5.14	0.00	0.00	Nin:	Hax:	01/102	1578-D-3776
WIDTE	70.0	0.0	0.0	Xin:	Hax:	DICEES	ASTM-D-3774
EMD\$	59.4	0.0	0.0	Kin:	Maxx	EPI	ASTN-D-3775
PICKS	63.4	0.0	0.0	Min:	Max:	PPI	ASTM-D-3775
BODY THICKNESS	.010	0.000	0.000	Kin:	Hax:	Inches	ASTN-D-1777
DYNAMIC AIR PERM ADAP				Nin:	Hax:	111/sec	7.B.D.
EXPONENT				Kin:	Kax:		7.B.D.

Waterial: W4934-02-9026

lot: 20699

Page 2 of 2

Ministry Massage 300	•					,	
Piece No.	86617			Sį I	ecification requirement	UNIT OF MEASURE	TEST PROCEDURES
HULLEN BURST NET				Hin:	•	PSI	15TH-D-3786
p B	7.5			Hin:	Har:	pE units	PTR 191
EXTRACTABLES (1)	.2				Haz:	Percent	JPS 701
DYE STALE	5			Min:	4	ALTOC CROCK DWITS	JPS 701
VIR PERMENBILITY	0.00	0.00	0.00	Min:	Har:	CEN	1.5TH-D-737
		<u></u>	L				
CANTILEVER STIFFNESS WARP	0.0	0.0	0.0	Rin:	Hax:	NG/CN2	ASTN-D-4032
PILL	0.0	0.0	0.0	Hin:	Max:	NG/CH2	ASTR-D-4032
	+	<u> </u>					
CIRCULAR BEND	.700	0.000	0.000	Hin:	Wax:	Pounds	15TN 4032
ML	.700	0.000	0.000	Hin:	Har:	Pounds	ASTM 4032

I cartify that the above tests were performed under my supervision in accordance with specification test requirements and that the reported test results are true, valid, and applicable to the samples tested. Test results as shown are within the acceptance limits for the parameters of the above material specifications except as noted with an asterisk (*).

ROBERT M. HOLCONDE LAB DIRECTOR (864) 240-2624

F-1065 (5/96)

WI-2021

THIS REPORT MAY NOT HE REPRODUCED EXCEPT IN TOTAL WITHOUT THE PERMISSION OF THE ORIGINATOR.



EXHIBIT B

STYLE W IN LIBTING Sample Syciffication

FRTY COMPC YTS PABRIC

THROLOGIES, INC.

tyle:	M4934-0003-9026 Lavel: IV		
meription: mbric: mwe:	115 60 x 64 Acordis Low Warp tension 8 harness and 6 banks of drop wires, 71t air space reed Dupont t-6.6 nylon Plain Plain PICK MITH 2 FILLING YARNS WEAVE 3 LOTS	Btatus: Department no: Product code: Loca type: Primary quetomer: Requested by:	ACT 10 89 Airbag - driver uncoated Dornier general L. BRASLEY
ace: mave cut (yds): dges: ype size: ther:	Bither 200 Weave picks/inch: 64.00 Heat Blit at loom BP-44C-4% SOLIDS IN SIZE BOX,1% STRETCH ON SLASHING 1 and 420/68 dk.blue nylon 24 ends from left side at slasher	Read width: Dents/inch: Ends/dent: . Sley count: No. ends:	81.23 26.000 2 52.000 4,224
arp yarn coda: asoription: wist:	RAML1516 Supplier: ACORDIS INDUSTRIAL PIBERS 315/144 T-447 HRT-8 ACORDIS Scottaboro Mylon Alrbag Beams None		

ackaging: rading: urpose: ube size:	See fina See fina nylon co See fina	See final inspection instructions See final inspection instructions nylon coating fabric (Air beg) See final inspection instructions				Hold code: Putup code: Tare Wt: CM code:	02 11 Roll Goods	:	
td wt (yda/lb): eight (lba/yd): llow daw %:	1.59 0.628 3.00	Width (in); Count (W x F); Wt(oz/syd);	Min 75.50 54 x 63	Bat. Off Loom 1 Max 76.50 56 x 65 4.71	Targat 76.00 55 x 64	Hidth (in); Count (W x F); WE(os/syd);	Min 69.50 58 x 62 4.93	Est. Finished Nax 70.50 62 x 66 4.93	\$8E90E 70.00 60 x 64

RMNL1519 8Upplier: ACORDIS INDUSTRIAL PIBERS 315/144 T-447 HRT-B Acordis Scottsboro Mylon

Airbeg Tubes None

Wist

erge:

ill yern doden *scription:

Brge:

FILLING YARN B2 RMML DOS1 210/72 T-447 HRT TUBES FROM ACORDIS, 100% AKZO

As c/r 810-407 as W4934-02

ommentes

By: TK 000 08/10/1999 Revision date: Current revi ORIGINAL (CAT: 103, 103)

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(15/21) 510

WARPING ORDER

F-1017 11/98

(RE: QMS - 102)

SAFETY COMPONENTS FABRIC TECHNOLOGIES, INC. - DUNEAN PLANT - 80

WARPING, PROCESSING, WEAVING ORDER AND HEADEND TICKET

YLE.	W-4934 E	XP3	TYPE	CLOTH:	NYLON CO	DATING A	IR BAGS	<u> </u>		•	DATE:	
NO.		REED		DENT				TOTAL				
			81.23"		26.00	DENT:	2	DENTS:	2158*	SLEY:	52.00	_SHAFTS:
				FST %		TYPE			t	DIST. BTWN		
ND AIAF	CTRAIGHT	WEAVE:	PLAIN					ER		BM. HEAD:	81.75*	
JPCMVV.	Sirvigni	BODY				•	SELV		•	TOTAL		
DEPT.:	10	ENDS:					ENDS:	1		ENDS:	4225	-
		='							_	WEIGHT		
S	ELVAGE:	** 1 END 4	20/68 DEN.	DARK BL	UE NYLON	- HEAT	SLIT AT	LOOM	-	PER YARD:	.0001	_
		0454445	447 AV70 S	COTSEC	DO NYI OI			PICKS:	32	WT/YD:	.1959	
FILLING	3 A:-	315/144/1-	447 AKZO S	COTOBC	AC RILOI			•		(14,150)		-
FILLING	3 6:	210/72/R-2	O ACORDIS	100% T-	447 HRT FI	ROM AKZ	:o	PICKS:	32	WTYD:	.1305	_
	INCLU	DES 22 DI	ENTS EAG	CH SIDE	FOR CA	TCH CO	RD,LE	NO,ETC.		(21,250)		
FILLING	3 C:					 	··-	PICKS:		WTYD:		
		•						···	- 			
WARP	A:	315/144/T-	447 AKZO 8	SCOTTSB	ORO NYLO	N	_ No	O. ENDS:	4224	WT/YD:	.3245	_
WARP	A:		447 AKZO 5 - NO CUT)N	_ N	O. ENDS:	4224	WT/YD: (14,150)	.3245	-
		NO TINT		MARK	3					WT/YD: (14,150) WT/YD:		-
		NO TINT	- NO CUT	R 24 ENG	3		- N	O. ENDS:		(14,150) WT/YD:		-
WARP	8:	NO TINT	- NO CUT AT SLASHE	R 24 ENG	3		- N	O. ENDS:		(14,150)		- -
WARP	B: C:	NO TINT	- NO CUT AT SLASHE T SLASHE	R 24 ENG	3		NO NO	O. ENDS: O. ENDS: .SO BE V	RPEO	WT/YD: WT/YD: WT/YD:		
WARP	B: C:	** ADDED EDGE AT	- NO CUT AT SLASHE SLASHE	MARKS	3		NO NO	O. ENDS: O. ENDS: .SO BE V	RPEO	WT/YD: WT/YD: WT/YD:		-
WARP	B: C:	NO TINT ADDED EDGE AT WARPING	- NO CUT AT SLASHE T SLASHE	MARKS ER 24 END ER	3		NO NO	O. ENDS: O. ENDS: .SO BE V	RPEO	(14,150) WT/YD: WT/YD:		
WARP	B: C: - BMS @	WARPING 0 SELV.	- NO CUT AT SLASHE I SLASHE LAYOUT 352 BODY A	F MARKS ER 24 END R 0 SELV.	S DS FROM L	EFT	- NO	O, ENDS: O. ENDS: SO BE V	ARPEO SELV.	WT/YD: WT/YD: WT/YD: AS BELOW	SELV.	
	B: C: - BMS @	WARPING SELV.	- NO CUT AT SLASHE I SLASHE LAYOUT	T MARKS ER 24 END R 0 SELV.	S OS FROM L	EFT	NO MAY AL	O, ENDS: O. ENDS: SO BE V	SELV.	WT/YD: WT/YD: WT/YD: BODY	SELV.	j
WARP	B: C: - BMS @	WARPING 0 SELV.	- NO CUT AT SLASHE I SLASHE LAYOUT 352 BODY A	T MARKS ER 24 END R 0 SELV.	S OS FROM L	EFT	NO MAY AL	O. ENDS: O. ENDS: SO BE V BMS @ BMS @	SELV.	WT/YD: WT/YD: WT/YD: BODY	SELV.	
WARP	B: C: - BMS @	WARPING 0 SELV.	- NO CUT AT SLASHE I SLASHE LAYOUT 352 BODY A	T MARKS ER 24 END R 0 SELV.	S OS FROM L	EFT	NO MAY AL	O. ENDS: O. ENDS: SO BE V BMS @ BMS @	SELV.	WT/YD: WT/YD: WT/YD: BODY	SELV.	
WARP	B: C: BMS @ BMS @ BMS @	O SELV. SELV.	- NO CUT AT SLASHE I SLASHE LAYOUT 352 BODY A BODY A	O SELV.	S OS FROM L	EFT	No.	O. ENDS: O. ENDS: SO BE V BMS @ BMS @	SELV.	BODY BODY	SELV.	
WARP WARP	B: - BMS @ - BMS @ - BMS @	NO TINT → ADDED EDGE AT WARPING 0 SELV. SELV.	- NO CUT AT SLASHE I SLASHE LAYOUT 352 BODY A BODY A	T MARKS ER 24 END R 0 SELV.	S OS FROM L	EFT	NO MAY AL	O. ENDS: SO BE V BMS @ BMS @	SELV.	WT/YD: WT/YD: WT/YD: BODY	SELV.	

COL BEASKEY, BURTON, REESE, HALEY, HAVER, B.JAMES, D. ROBBINS, WEAVE ROOM, J. GLENN D-10 R. DEATHERAGE (3), FRANCISCO BEDOYA (3)

CERTIFICATE OF CONFORMANCE

MARUFACTURER: Safety Components Fabric fech. Inc.
Danean Plant
Greenville, SC

INFORMATION ONLY

TEST COMDITIONS: 72 Y / 65% R.H.

CUSTONER ID:

TEST DATE:

SPECIFICATION: TED

(Aterial: W4934-03-9026	L'	/ LOT: 3	21138	TES	T DAIE:		
Piece No.	17530	17540		Speci Requ	fication pirement	unti of Measure	TEST PROCEDURES
PAB TENSILE PARP	450	442	0	Nin:		Pounds	ASTM-D-5034
FILLING	379	389	0	Nin:		Pounds	ASTN-D-5034
							
elonglation Warp	38	38	0	Xin:	Max:	Percent	ASTN-D-5034
PILLING	39*	40#	0	Nin:	Hax:	Percent	ASTM-D-5034
TOEGUE TEAR	28	27	0	Nin:		Pounds	ASTH-D-2261
WARP FILLING	27	27	0	Hin:		Pounds	ASTM-D-2261
	 	1		L			·
TRAPEZOID TEAR WARP	0	0	0	Nin:		Pounds	ASTN-D-4533
ALITIBE	. 0	0	0	Nin:		Pounds	ASTH-D-4533
SHRIMKAGE WARP	1.56	1.56	0.00	<u> </u>	Har:	Percent	1 ER # 300 F
FILLING	.31	.31	0.00		Hax:	Percent	1 HR @ 300 F
FLAVORBILITY	0.0	0.0	0.0		Max:	111/1013	PHVSS-302
BOS	.31	.50			Har:	Percent	
BIAS	.75	.75			Max:	Percent	
- ARIGHT	5.02	4.99	0.00	Nin:	Hax:	01/YD2	ASTM-D-3776
NIDTE	70.5	71.0	0.0	Nin:	Max:	DICHES	ASTN-D-3774
ENDS	58.3	58.3	0.0	Nin:	Hax:	₹ PI	ASTH-D-3775
PICES	62.6	62.5	0.0	Hin:	Max:	PPI	ASTH-D-3775
BODY THICKNESS	.010	.010	0.000	Min:	Hax:	Inches	ASTM-D-1777
DYNAMIC AIR PERM				Nin:	Max:	me/sec	T.B.D.
EXPONENT				Nin:	Nax:		T.B.D.

lot: 21138

Page 2 of 2

					lot: 21138		
terial: W4934-03-9026				Specification Requirement		UNIT OF NEASURE	test Procedures
Sample No.	17530	17540				PSI	ASTH-D-3786
BULLEM BURST MET				Nin:		pH units	FTM 191
	7.1	6.8		nin:	Max:	ya water	
R		.6			Hax:	Percent	JPS 701
EXTRACTABLES (1)	.5	 		Min: 4		AATCC CROCK UNITS	JPS 701
DYE STATE	5	5		ALII. V		CZN	ASTM-D-737
AIR PERPARELLITY	2.04	2.00	0.00	Min:	Max:	UR .	
CLIFFILITYER STIFFNESS				Nin: Max: MG/CH2		ASTH-D-4032	
WARP	0.0	0.0	0.0	MIB:			ASTH-D-4032
FIIL	0.0	0.0	0.0	Nin:	Max:	NG/CN2	
				T	May 1	Pounds	ASTM 4032
CIRCULAR BEND WARP	.800	.800	0.000	Min:	Max:		ASTR 4032
FILL	.800	.800	0.000	Nin:	Hax:	Pounds	ASIA 4032

I certify that the above tests were performed under my supervision in accordance with specification test requirements and that the reported test accordance with specification test requirements and that the reported test results are true, valid, and applicable to the samples tested. Test results as shown are within the acceptance limits for the parameters of the above naterial specifications except as noted with an asterisk (*).

> ROBERT M. HOLCONET LAB DIRECTOR (864) 240-2624

T-1065 (5/96)

[NI-2021]

THIS REPORT HAY NOT BE REPRODUCED EXCEPT IN TOTAL WITHOUT THE PERMISSION OF THE ORIGINATOR.

INFORMATION ONLY

EXHIBIT C

	red Look 11.38	PROD. REQ. & CO	SET FORM	
- نا هر	Γ .	PROD. REQ. & CCC	DATE	
	TO: FRANCISCO BEDOYA			22222222222
)	I. MARKETING CUSTCMER:	cust. s/#	C/R#_/	0-386
	38355 SCFTI S/#:	WEAVE: Plain	ENDUSE: Airbas	LEVEL 4
	-	FIN. (MIN./NOM.)	(YES NO
	GR. (MIN/NOM.)	44-	WARP SIZE	
	ENDS/IN: 41-43		SPUN YARN	
	PICKS/IN: <u>18-50</u> WIDTH: 69.5-76.5	65-66	HI. TEN R	
	WAR 412/18/82A	Nulan DePar	+ T743(OLD/NEW
	FILL: 420/68/1220		1 -1747/1/2), D	TOLDYNEW
	FILL: 420/68/1220	11 July Dufe	T129 (1/2)	PEZK
	SCFTI PROCESS:	Mylon Dufont	Y /	A.,
	SCFTI PROCESS:	(CUT LENGTH RANGE	500
	GREIGE HEATSET IN THE GR.	 -	MIN PC. LENGTH	200
	SCOUR & HEATSET		SPLICES ALLOWED	The Color has
	APPLY & FINISH		PACKAGING	3 Diral tube
	AFFBI & Issues		Who ffeel in the	H CODE: 9026
	DESCRIBE FINISH:		FIRISI	7000
			DATED	!
	CFM RANGE: NA CUS	T. SPEC #/KD	(TEST REQ. Y/N)	(CERT REQ Y/N)
}	COPY OF CUST. SPEC ATT	ACHED	(1531 1008. 11.11)	(3233
,	DEPT#: 10			
		######################################		•
	II. TECHNICAL TYPE LOOM: Document	MULTIPLE PICKS - Y	ES/NO EQUIVALENT	PICKS: MA
	TYPE LOOM: DOEN : MIN	(WARP	IN PLANT & NEW YAR	ns only)
	IRROS FOR DOME.		1/0 d - OFF	TY DICKE: 492
	CONST. IN LOOM: REED	WIDTH: <u>74.60"</u>	SLEY: 40.0	M PICKS. TYS.
	אשאוצותים מץ	ter-T tenguo und	•	
	WARP:			4.010
	420 68 1220	1 -	743 PICK and	biei—
	FILLING: 315)961820	MARY BUDING FTT	LING YDS/LB: 10.600	4304 14.150 = 31
	WARP YDS/LB: 10.400			
	EST WARP CONTRACTION	Serve	4 Jost	
	REMARKS:		70 .	 :
	SIGNATURE:	•	flower DAT	E: <u>5-21-19</u>
	PROCESSES REQUIRED: (CIRCLE AS APPLICABI	LE)	meent)/C
	PRETPARATION W	EAVING FINISHING	<u> </u>	TESTING
	WINDING	ORNIER BATCH	SLIT	INTERNAL
		JLZER SCOUR -JIG	CONT. INSPECT	eust. Lot

CONTACT HT SET SHIP

CALENDER/TENTER

CAN DRY

NONSTD.

ANNUAL

QUAL.

PPAP

TWISTING (IN/OUT)

WARPING (IN/OUT)

(BLOCK/TRANS.)

BEAMING/SHASHING

ENGINEERING	OTHER:				
MS/MEAVER.			DATE EW	DED:	
COST DEPARTME	NT				
	TARGET CONTRIBUTION LOOM/WKYD	FAB.	WT.	oz./sQ.	YD.
) HRS ST: - /VD: FX	/YD:B/E/YD:	MIN.	YD:	TAR.YD:	
	FILL:				
ECIAL INSTRUCTION	WARP: NS:	2232222			
SCLAIMERS/COMMEN A) Usethous 1922 16	TS: alherin val no Trial explication of the trial	estima Horo	obeland obeland	mahens michas	SING
B) If such	estel world	CORNI	heats		nonh
and t					
			 		
1.					
====================		22222		DATE:	
SUBMITTED BY	thosomboch	0. 0			
APPROVED BY MARK	TETING MGR. Jon Bal for	251	V.L.	DATE:_	
APPROVED BY DIR.	TECH. SVCS K. Batte			DATE:_	
REJ. APPR TECH	SERV. MGR. L. Kater			DATE:	-
APPROVED BY MEG	REF. COMM. K. 1656			S. DUE	

•

(RE: OMS-102)

CERTIFICATE OF COMPORTANCE

PAGE 1 OF 2

WINDYACTURER: Safety Components Fabric Tech. Inc.
Dumean Plant
Greenville, SC

TEST CONDITIONS: 72°P / 65% R.H.

CUSTOMER ID:

MATERIAL: W4951-01-9026

LOT: 20701

TEST DATE:

SPECIFICATION: TED

LTERIAL: W4951-01-9026	i	POL: 50.61		IEST DATE.				
Piece No. Sample No.	8619T			Specification Requirement		UNIT OF MEASURE	TEST PROCEDURES	
IRAD TRUSILE WARP	430	0	0	Nin:		Pounds	ASTH-D-5034	
PILLING	424	0	0	Win:		Pounds	15TH-D-5034	
	الا	<u></u>		<u> </u>				
Mybb N'orgy1102	34	0	0	Nin:	Nax:	Percent	ASTRI-D-5034	
PILLING	43	0	0	Hin:	Max:	Percent	ASTM-D-5034	
TORGUE TEAR	47	. 0	0	Hin:		Pounds	A5771-D-2261	
WARP PILLING	41	0	0	Nin:		Pounds	ASTN-D-2261	
	 							
trapezoid tear Waep	0	0	0	Kin:		Pounds	ASTH-D-4533	
PILLING	0	0	0	Nin:		Pounds	ASTM-D-4533	
SHRIMKAGE WARP	1.25	0.00	0.00		Haz:	Percent	1 ER @ 300 F	
FILLING	.0.00	0.00	0.00		Max:	Percent	1 MR @ 300 P	
PLAYMABILITY	0.0	0.0	0.0		Max:	IN/NIN	PMVSS-302	
308	.56				Hax:	Percent	·	
BIAS	.50				Max:	Percent		
VRIGET	5.10	0.00	0.00	Nin:	Hax:	03/YD2	1STN-D-3776	
WIDTH	66.0	0.0	0.0	Hin:	Max:	INCHES	ASTR-D-3774	
ENTOS	44.5	0.0	0.0	Nin:	Hax:	EPI	ASTH-D-3775	
PICES	48.3	0.0	0.0	Min:	Hax:	PPI	ASTH-D-3775	
BODY THICKNESS	.012	0.000	0.000	Min:	Max:	Inches	ASTH-D-1777	
DYMANIC AIR PERM ADAP				Hin:	Kax:	ma/sec	7.B.D.	
EXPONENT				Hin:	Hax:		T.B.D.	

Naterial: W4951-01-9026

lot: 20701

Page 2 of 2

Piece No.	86197			Specification Requirement		unit of Measure	TEST PROCEDURES
MOLLEN BURST HET				Nin:		PSI	ASTN-D-3786
pB	7.0	*		Min:	Nax:	pH units	FTH 191
EXTRACTABLES (1)	.5				Xax:	Percent	JPS 701
DYE STAIN	5			Kin: 4		AATOC CROCK UNITS	JPS 701
AIR PERHEABILITY	6.04	0.00	0.00	Nin:	Max:	CIPH.	ASTH-D-737
	-		<u> </u>	<u> </u>			
CANTILEVER STIFFNESS WARP	0.0	0.0	0.0	Nin:	Hax:	HG/CH2	ASTN-D-4032
FTLL	0.0	0.0	0.0	Nin:	Har:	HG/CH2	ASTM-D-4032
							
CIRCULAR BEND WARP	0.000	0.000	0.000	Nin:	Har:	Pounds	ASTN 4032
PILL	0.000	0.000	0.000	Nin:	Nax:	Pounds	ASTN 4032

I cortify that the above tests were performed under my supervision in accordance with specification test requirements and that the reported test results are true, valid, and applicable to the samples tested. Test results as shown are within the acceptance limits for the parameters of the above anterial appenifications except as noted with an asterisk (*).

ROBERT M. HOLCONBE LAB DIRECTOR (864) 240-2624

I-1065 (5/96)

[WI-2021]

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